



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>H04Q 3/00, H04L 12/66</b>	<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 99/29123</b> <b>(43) International Publication Date:</b> 10 June 1999 (10.06.99)
<b>(21) International Application Number:</b> PCT/NO98/00336 <b>(22) International Filing Date:</b> 11 November 1998 (11.11.98) <b>(30) Priority Data:</b> 19975518 1 December 1997 (01.12.97) NO <b>(71) Applicant (for all designated States except US):</b> TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> BREIVIK, Øyvind [NO/NO]; Drammensveien 50C, N-0271 Oslo (NO). FJUK, Paul, Torkil [NO/NO]; Hellaveien 79, N-2013 Skjetten (NO). <b>(74) Agent:</b> OSLO PATENTKONTOR AS; Postboks 7007 M, N-0306 Oslo (NO).		<b>(81) Designated States:</b> AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <b>(88) Date of publication of the international search report:</b> 12 August 1999 (12.08.99)
<b>(54) Title: METHOD FOR IMPROVING THE SETUP OF TELEPHONE-TO-TELEPHONE CALLS</b>		
<b>(57) Abstract</b>		
<p>The present invention relates to a method for improving the setup of telephone-to-telephone calls using telephones connected to a PSTN/ISDN access network and using a separate network, especially Internet as a substantial by-pass network, special telephone gateways (GW) forming bridges between the access network and said by-pass network, and connections being established between the user telephones (A, B) and the gateways (GW) that bridge the call, and for the purpose of handling call establishment in only one phase, as well as making use of associated Intelligent Networks more efficiently, it is according to the present invention suggested that for the purpose of making the gateways transparent to the caller (A), the method allows the caller (A) to dial a by-pass network service prefix together with the number of the callee (B).</p>		